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What is claimed is:

1. A device for detecting an ambient condition, comprising:

a first sensor to determine the presence of a condition, and provide an alarm

signal;

an airflow monitor that monitors airflow level and provides an airflow signal;

and

a processor that provides a status message indicative of the state of the alarm

signal and the airflow signal.

2. The device of claim 1, wherein said airflow monitor comprises a

thermistor.

3. The device of claim 1, further comprising a second sensor to determine the

presence of a second condition and provide a second alarm signal.

4. The device of claim 1, wherein said first sensor is a photoelectric smoke

sensor.

5. The device of claim 1, wherein said first sensor is an ionization-type smoke

sensor.

6. The device of claim 1, wherein said first sensor is a heat sensor.

7. The device of claim 1, wherein said first sensor is a relative humidity

sensor.

8. The device of claim 1, wherein said first sensor is a CO₂ gas sensor.

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9. The device of claim 1, wherein the device further comprises an air filter capable of contamination.

- 10. The device of claim 1, further comprising an airflow sensor to determine airflow through the device and provide an airflow alarm signal.
- 11. The device of claim 1, wherein said processor compares the monitored airflow level to a low airflow threshold and provides an airflow alarm signal indicative of a low airflow level when the monitored airflow level is lower than the low airflow threshold.
 - 12. The device of claim 11, wherein the low airflow threshold is adjustable.
- 13. The device of claim 11, wherein said low airflow threshold is substantially equal to ambient airflow.
- 14. The device of claim 11, further comprising a second sensor to determine the presence of a second condition and provide a second alarm signal.
- 15. The device of claim 14, wherein at least one of said first and second sensors is adapted for location in a HVAC duct.
 - 16. A detection system for detecting ambient conditions, comprising:

first sensing means for determining the presence of a first ambient condition and for providing a first alarm signal;

airflow monitoring means for monitoring the airflow through said sensing means; and

processing means coupled to said sensing means for providing a status

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message.

17. The detection system of claim 16, wherein said sensing means is a photoelectric smoke sensor.

- 18. The detection system of claim 16, wherein said sensing means is an ionization-type smoke sensor.
- 19. The detection system of claim 16, wherein said sensing means is adapted for location in a HVAC duct.
- 20. The detection system of claim 16, further comprising a second sensing means for detecting presence of a second condition.
 - 21. A method of using a device for detecting ambient conditions, comprising: sensing the presence of an ambient condition and providing an alarm signal; monitoring an airflow rate through the device;

comparing the airflow rate through the device with a chosen threshold airflow to provide an airflow signal; and

providing a status message indicative of the state of the alarm signal and the airflow signal.

22. The method of claim 21, wherein the ambient condition is a smoke condition.